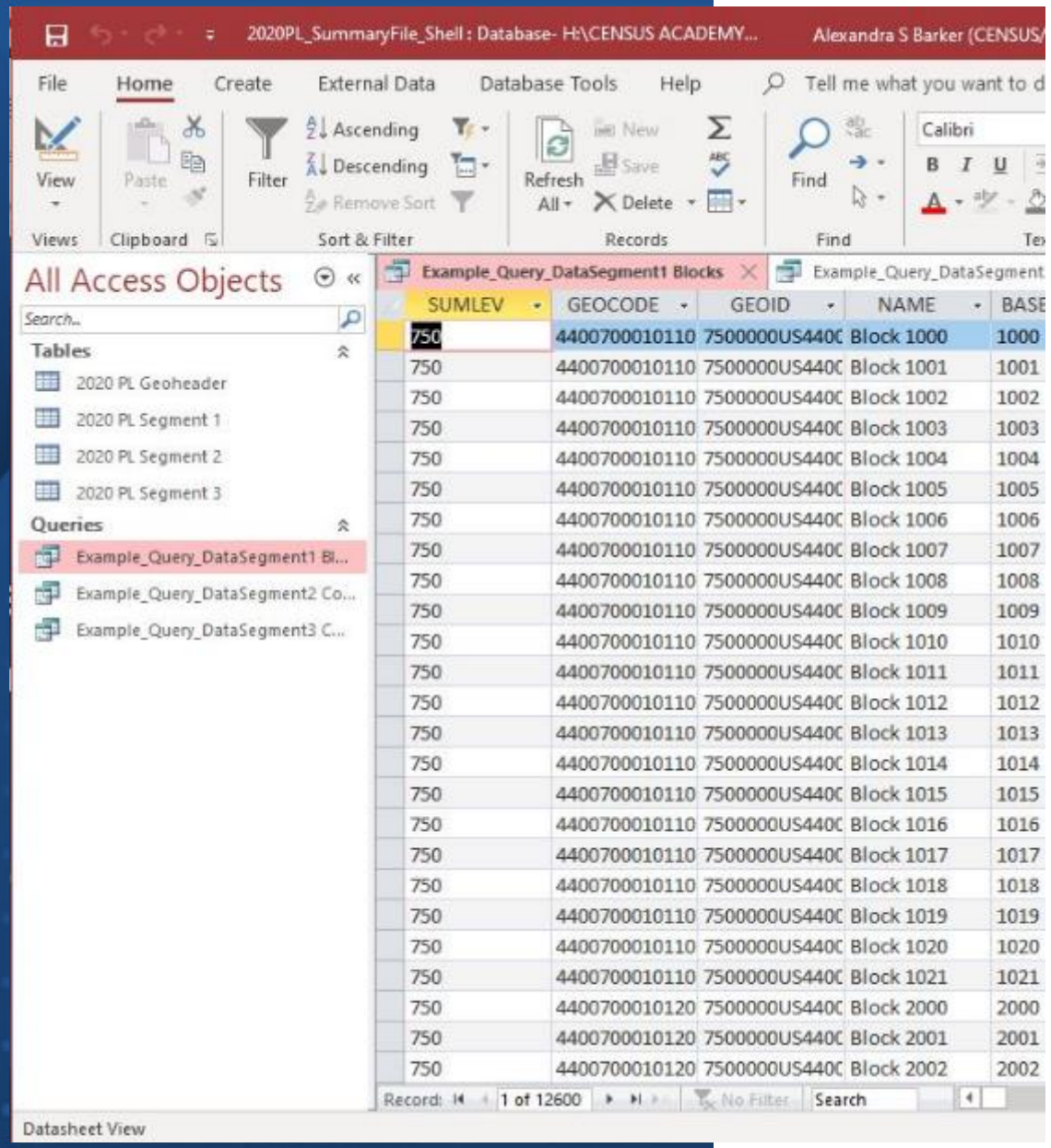
The Comprehensive Course for Accessing 2020 Census Redistricting Data

Explore and learn the different methods to access P.L. 94-171 Redistricting Data

Instructors: Mary Leisenring and Alexandra Barker

U.S. Census Bureau

Census.gov/academy



Lesson 3

Ways to Access Redistricting Data

Identify the Methods and Formats to Access Redistricting Data

Understand What Method or Format Supports Your Needs

Supporting Resources

United States Census Bureau

Getting the Data

PATHWAY 1

File Transfer Protocol (FTP)

Great resource for those who want to perform in-depth analysis and customize their analysis of data sets.

PATHWAY 2

Data Visualizations and Tools

Data Visualizations are easy to use and help you quickly find statistics and identify trends.

The data available are specific to each tool.

PATHWAY 3

data.census.gov

A customizable way to view, map, and access data one table at a time for all available geographies.

PATHWAY 4

Application Programming Interface (API)

Typically used by developers and software engineers, the Census Bureau API allows developers to pull Census data into their products or applications.

United States Census Bureau

Why Choose the FTP? (Learning Pathway 1)

File Transfer Protocol (FTP)

Great resource for those who want to perform in-depth analysis and customize their analysis of data sets.

KEY FEATURES

- Multi-step process to access
- Intermediate to advanced
- Large complete data sets
- Raw data

NECESSARY RESOURCES

- Software required
- Sufficient computer storage for large data sets
- GIS software for those who want to map the data

United States Census Bureau

FTP Data Resources

United States Census Bureau

Why Choose Data Visualizations? (Learning Pathway 2)

Data Visualizations and Tools

Data Visualizations are easy to use and help you quickly find statistics and identify trends.

The data available are specific to each tool.

KEY FEATURES

- View by topic of interest/several options to choose from
- Easy to use and navigate
- May have limited downloading features

NECESSARY RESOURCES

- Mobile and desktop computer friendly

United States Census Bureau

Why Choose data.census.gov? (Learning Pathway 3)

data.census.gov

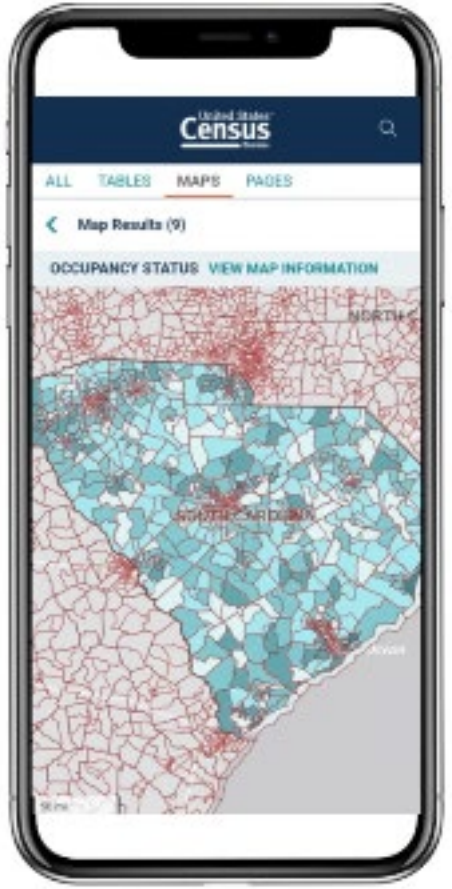
A customizable way to view, map, and access data one table at a time for all available geographies.

KEY FEATURES

- Data can be downloaded in CSV, PDF, or Excel format
- Work with one table at time
- Easy to use with basic instruction
- Mapping and table customization within the tool

NECESSARY RESOURCES

- Mobile and desktop computer friendly



United States Census Bureau

Why Choose the Census API? (Learning Path Four)

Application Programming Interface (API)

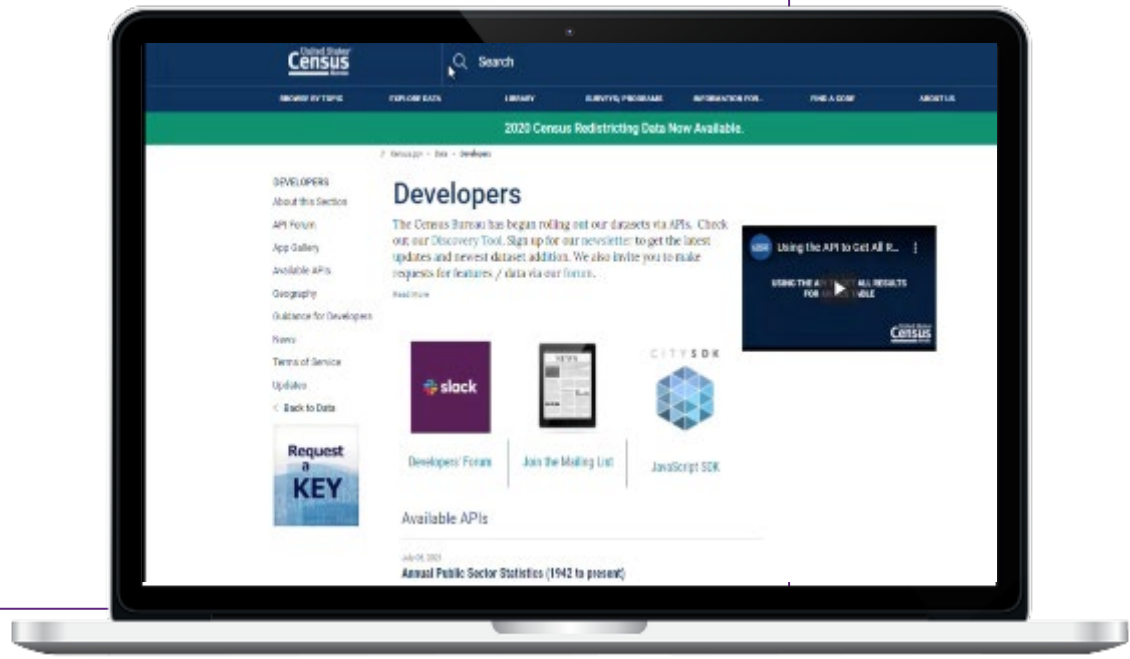
Typically used by developers and software engineers, the Census Bureau API allows developers to pull Census data into their products or applications.

KEY FEATURES

- Automate census data integration with various apps and visualization tools
- Intermediate to advanced multi-step process
- Construct your customized data sets
- Raw data

NECESSARY RESOURCES

- Appropriate software and know-how



United States Census Bureau

Comparing Redistricting Data Over Time?

- ✓ Do’s and Don’ts
- ✓ Tips
- ✓ Resources/References
- ✓ Demonstration of TIGERweb Decennial

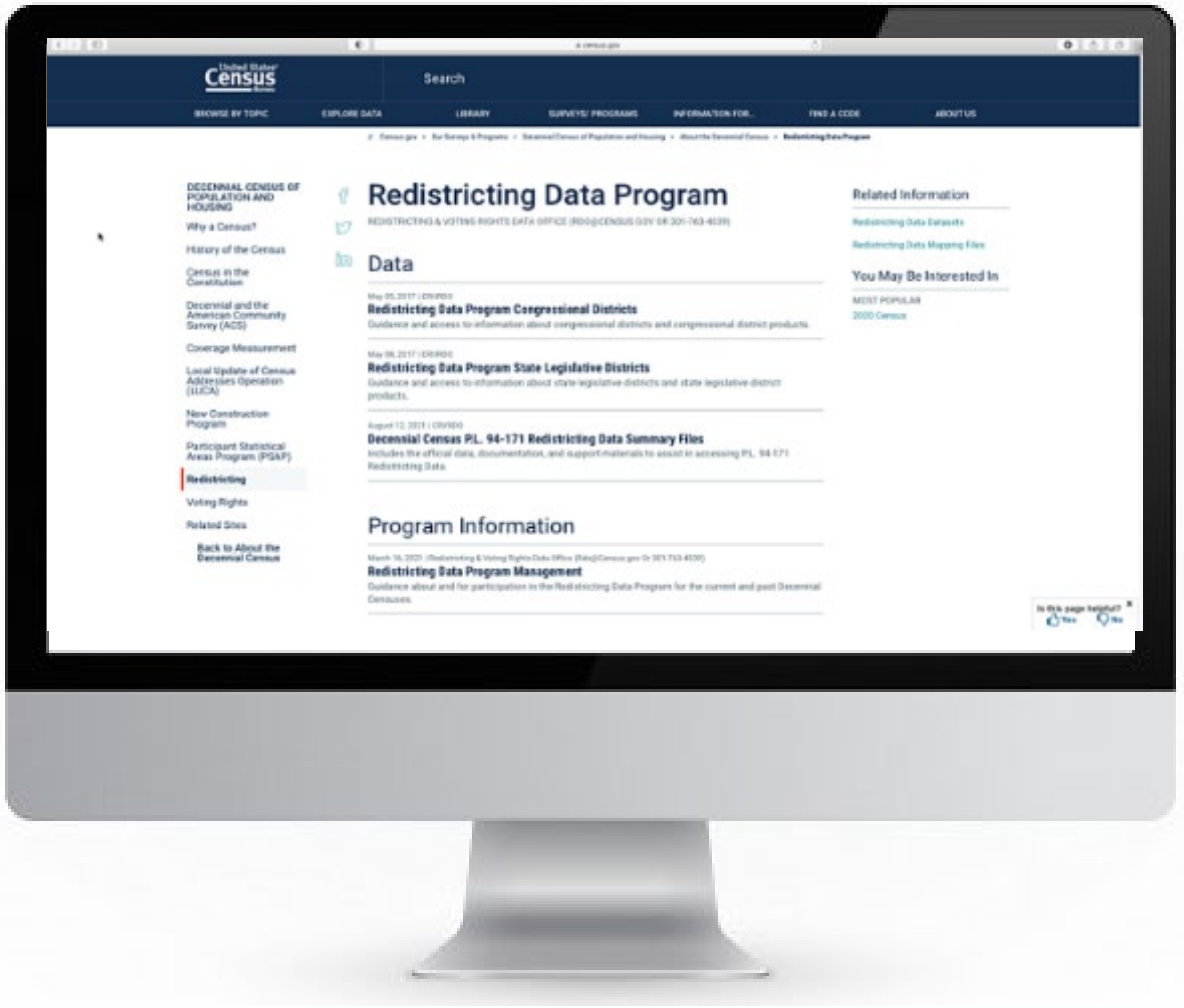
United States Census Bureau

Redistricting and Voting Rights Data Office

REDISTRICTING & VOTING RIGHTS DATA OFFICE

- RDO@CENSUS.GOV
- 301-763-4039
- https://www.census.gov/programs-surveys/decennial-census/about/rdo.html

United States Census Bureau



Lesson 3 Recap

United States Census Bureau

UP NEXT:
PART 2: The Data

Pathway 1: FTP
Lessons 4-8

Pathway 2: Data Visualizations
Lesson 9

Pathway 3: data.census.gov
Lesson 10

Pathway 4: API
Lessons 11-12

United States Census Bureau

UP NEXT:
PART 2 The Data

Pathway 2: Data Visualizations
Lesson 9

Pathway 3: data.census.gov
Lesson 10

Pathway 4: API
Lessons 11-12

United States Census Bureau